

Corn Dryland Variety Trial - NDSU

WREC, Williston, ND 2019

Variety	Company	Days to Silk (DAP <sup>1</sup> )	Plant Height (in)	Bird Damage‡ (%)	Test Weight (lb/bu)	Yield <sup>#</sup> 2019 (bu/a)
1974	Proseed	74	26.6	51.4	54.4	107.0
2B862	REA Hybrids	74	29.3	24.9	49.7	98.6
1980	Proseed	72	29.4	45.0	53.1	95.6
3009 VT2P	Wilbur Ellis	72	27.7	44.8	54.2	95.0
73S84	Peterson Farms Seed	73	29.3	26.7	52.0	92.0
71D83	Peterson Farms Seed	73	29.2	42.5	52.2	91.9
71V81	Peterson Farms Seed	75	27.1	17.7	52.0	91.3
NK8005-3110A	Syngenta	73	26.8	11.6	54.2	90.8
1480VT2P	Proseed	74	29.5	32.2	53.2	89.6
2A872	REA Hybrids	75	30.6	25.1	49.4	88.3
1B780	REA Hybrids	73	29.5	33.6	51.1	87.6
1B720	REA Hybrids	71	25.1	52.1	56.2	87.4
3718 VT2P RIB	Wilbur Ellis	75	27.7	12.6	47.8	86.1
3282 VT2P RIB	Wilbur Ellis	75	33.2	18.7	52.7	85.6
IC2862	Rob-See-Co	73	31.7	30.0	55.5	84.0
NK7837-3220	Syngenta	74	29.0	6.9	53.4	82.8
3537 VT2P RIB	Wilbur Ellis	74	31.2	19.7	49.6	76.2
NK8204-3220	Syngenta	78	31.0	12.4	51.2	73.9
RC3240	Rob-See-Co	74	29.7	25.8	56.1	72.4
NK8519-3220	Syngenta	80	32.7	18.5	48.8	66.6
Mean		74	29.3	27.6	52.3	87.6
CV (%)		2.0	12.7	32.9	1.8	18.3
LSD (5%)		2.1	5.3	19.0	1.3	22.7
LSD (10%)		1.8	4.4	15.7	1.1	18.9

Location: WREC; Latitude 48° 8' N; Longitude 103° 44' W; Elevation 2105 ft.

Previous crop: soybeans

Planted: Reps 1 & 2- 5/15/2019, Reps 3 & 4- 5/20/2019

Soil type: Williams-Bowbells loam.

Soil test to 6" in ppm: P=26 ppm; K=301 ppm; OM=1.8%; pH=5.9

Harvested: 10/21/2019

Soil test to 24" in lb/a: N=106 lb/a

Applied fertilizers in lb/a: N=36; P<sub>2</sub>O<sub>5</sub>=26; K<sub>2</sub>O=0.

‡Bird Damage: % of cobs with damage from birds

#Yield adjusted for bird damage

<sup>1</sup>DAP = Days after planting.